CLAIMS

1. A heat control device for a battery comprising:

a heat controller that transforms its shape by heat generated in a battery; and

a radiator for dissipating the heat from the battery.

2. The heat control device for a battery of Claim 1, wherein the heat controller establishes thermal connection between the radiator and the battery at a temperature at least a predetermined first temperature.

3. The heat control device for a battery of Claim 1, wherein the heat controller breaks off the thermal connection between the radiator and the battery at a temperature lower than a predetermined first temperature.

4. The heat control device for a battery of Claim 2, wherein the heat controller establishes the thermal connection, via the heat controller, between the radiator and the battery.

5. The heat control device for a battery of Claim 2, wherein the heat controller physically contacts the radiator to the battery.

6. The heat control device for a battery of Claim 2, wherein the heat controller establishes the thermal connection between the radiator and the battery by bending the heat controller itself.

7. The heat control device for a battery of Claim 2, wherein the heat

controller establishes the thermal connection between the radiator and the battery by expanding the heat controller itself.

8. The heat control device for a battery of Claim 1, wherein the heat control device has a plural number of the heat controller.

9. The heat control device for a battery of Claim 1 further including:

a heat source; and

a heat conductor for transferring heat generated from the heat source to the battery at a temperature at most a predetermined second .

10. The heat control device for a battery of Claim 1, wherein the controller moves the battery.

11. The heat control device for a battery of Claim 1, wherein the controller moves the radiator.